

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13 Sweet Potatoes		Page 1 of 6
Title: Commodity Specific Requirements for Sweet Potatoes		
Revision: 02	Replaces: 04/01/03	Effective: 10/01/03

1. Purpose:

To provide a listing of PDP identified required compounds for sweet potatoes.

2. Scope:

This standard operating procedure (SOP) shall be followed by all laboratories analyzing sweet potatoes for PDP. This SOP shall be used in conjunction with QC-13 which specifies procedures for selecting marker compounds and process controls and identifies PDP commodity groupings.

3. References:

- ? PDP Program Plan, January – June 2003
- ? SOP PDP-QC-13, “Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings”
- ? Pesticide Chemical News Guide (PCNG), September 1, 2002
- ? PDP Federal/State Meeting, October 22-23, 2002

4. Specific Procedures:

This SOP represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13 Sweet Potatoes		Page 2 of 6
Title: Commodity Specific Requirements for Sweet Potatoes		
Revision: 02	Replaces: 04/01/03	Effective: 10/01/03

Compounds Required for Sweet Potatoes Multi-residue Screens

Sweet Potato Compound	Reported As	Group	Pest Code
Aldicarb		14	167
Aldicarb sulfone		14	168
Aldicarb sulfoxide		14	169
Aldrin		5	001
Benomyl ¹		19	192
BHC ¹	BHC alpha	5	903
	And BHC beta		904
	Or BHC (total combined)		006
Bifenthrin		8	930
Carbaryl		14	102
Chlordane	Chlordane cis	5	173
	And chlordane trans		172
	Or chlordane (total combined)		014
Chlorpyrifos		11	160
Clomazone		17	719
DCPA		3	134
DDE	DDE p,p'	3	911
	Or DDE o,p'		910
	Or DDE (total combined)		300
Diazinon		11	024
Diazinon O-analog		13	395
Dicloran		7	144
Dieldrin		5	028
Diphenamid		2	330
Endosulfan I		5	900
Endosulfan II		5	901

¹ Required only on samples received by MI1 from CO, FL, MI, NY, OH, TX, WA, and WI. Analysis by CA1 on samples received from CA and MD is not required.

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13 Sweet Potatoes		Page 3 of 6
Title: Commodity Specific Requirements for Sweet Potatoes		
Revision: 02	Replaces: 04/01/03	Effective: 10/01/03

Sweet Potato Compound	Reported As	Group	Pest Code
Endosulfan sulfate		5	902
Endrin		5	034
Ethoprop		11	175
Fludioxonil ²		10	B23
Fluridone		17	736
Fonofos		11	163
Imidacloprid ¹		single	967
Lindane		5	050
Malathion		11	052
Malathion O-analog		13	208
Metalaxyl		18	607
Methomyl		14	159
Methoxychlor	Methoxychlor p,p'	3	275
	Or Methoxychlor (total combined)		055
Myclobutanil		4	679
Napropamide		2	594
o-Phenylphenol		3	083
Oxadixyl		18	A46
Oxamyl		14	537
Parathion		11	065
Parathion O-analog		13	370
Phosmet		11	165
Piperonyl butoxide		10	070
Pymetrozine ¹		9	ABF
Spinosad ¹	Spinosad A	single	ABC
	And Spinosad D		ABD
	Or Spinosad (total combined)		ABB
Tebufenozide		single	ABG
Thiabendazole ²		4	157
Thiamethoxam ¹		17	B43

² Required only on samples received by CA1 from CA and MD. Analysis by MI1 on samples received from CO, FL, MI, NY, OH, TX, WA, and WI is not required.

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Pesticide Data Program**

SOP No.: PDP-QC-13 Sweet Potatoes		Page 4 of 6
Title: Commodity Specific Requirements for Sweet Potatoes		
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Sweet Potato Compound	Reported As	Group	Pest Code
Trifluralin		7	151
Vernolate		15	201

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13 Sweet Potatoes		Page 5 of 6
Title: Commodity Specific Requirements for Sweet Potatoes		
Revision: 02	Replaces: 04/01/03	Effective: 10/01/03

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9/22/03

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SOP No.: PDP-QC-13 Sweet Potatoes		Page 6 of 6
Title: Commodity Specific Requirements for Sweet Potatoes		
Revision: 02	Replaces: 04/01/03	Effective: 10/01/03

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